AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the claims:

1. (Currently Amended) A method for driving a liquid crystal display device having a demultiplexer unit connected between a data driving circuit and a plurality of data lines on a liquid crystal panel, the demultiplexer unit distributing color data signals from any one of the output terminals of the data driving circuit to the plurality of the data lines on the liquid crystal panel, the method comprising;

classifying color data signal to be applied to the demultiplexer unit from the data driver circuit by colors;

consecutively providing the color data signals to the demultiplexer unit by the driver in a sequence including color data signals of a plurality of colors, the sequence having consecutive color data signals having a same color ~~to the demultiplexer unit by the driver~~; and

consecutively providing the consecutive color data signals of the sequence having [[a]] the same color to non-adjacent data lines on the liquid crystal panel by the demultiplexer unit ~~before applying a different color data signal to any of the data lines by the demultiplexer unit~~

2. (Original) The method of claim 1, wherein the color data signals are applied to the data lines on the liquid crystal panel in a combination of sequences of color data signals of red, green and blues.

3. (Original) The method of claim 2, wherein the color data signals are applied to the data lines on the liquid crystal panel in a sequence of red, green and blue signals.

4. (Original) The method of claim 2, wherein the color data signals are applied to the data lines on the liquid crystal panel in a sequence of green, blue and red signals.

5. (Original) The method of claim 2, wherein the color data signals are applied to the data lines on the liquid crystal panel in a sequence of blue, red and green signals.

6. (Original) The method of claim 1, wherein the classifying step includes a step includes arranging the color data signals having the same color according to a sequence of dot inversion system where each contiguous pixel of the liquid crystal panel has a reverse polarity.

7. (Original) The method of claim 1, wherein the demultiplexer unit includes a plurality of demultiplexers.

8. (Original) The method of claim 7, wherein each of the plurality of the demultiplexers is connected to at least five data lines of the liquid crystal panel.

9. (Original) The method of claim 7, wherein each of the plurality of the demultiplexers is connected to an odd number of data lines.

10. (Original) The method of claim 7, wherein each of the plurality of the demultiplexers is connected to data lines in a multiple of six.

11. (Currently Amended) A liquid crystal display device comprising a data driving unit, a liquid crystal panel having a plurality of data lines and a demultiplexer unit connected between a data driving circuit and the liquid crystal panel and distributing color data signals from any one of the output terminals of the data driving circuit to the plurality of the data lines on the liquid crystal panel,

wherein the data driver consecutively provides the color data signals in a sequence that includes color data signals of a plurality of colors, the sequence having consecutive color data signals having the ~~having a~~ same color to the demultiplexer unit, and

wherein the demultiplexer unit consecutively provides the consecutive color data signals of the sequence having [[a]] the same color to non-adjacent data lines on the liquid crystal panel.

12. (Previously Presented) The liquid crystal display device of claim 11, wherein the color signal are applied to the data line in a combination of sequences of color data signals of red, green and blues.

13. (Original) The liquid crystal display device of claim 11, wherein the color data signals are applied to the data lines on the liquid crystal panel in a sequence of red, green and blue signals.

14. (Original) The liquid crystal display device of claim 12, wherein the color data signals are applied to the data lines on the liquid crystal panel in a sequence of green, blue and red signals.

15. (Original) The liquid crystal display device of claim 12, wherein the color data signals are applied to the data lines on the liquid crystal panel in a sequence of blue, red and green signals.

16. (Previously Presented) The liquid crystal display device of claim 11, wherein the data signals are applied to the demultiplexer unit having a same color according to a sequence of dot inversion system where each contiguous pixel of the liquid crystal panel has a reverse polarity.

17. (Previously Presented) The liquid crystal display device of claim 11, wherein the demultiplexer unit includes a plurality of demultiplexers.

18. (Original) The liquid crystal display device of claim 17, wherein each of the plurality of demultiplexers is connected to at least 5 data lines on the liquid crystal panel.

19. (Original) The liquid crystal display device of claim 17, wherein each of the plurality of the demultiplexers is connected to the data lines of odd number.

20. (Original) The liquid crystal display device of claim 17, wherein each of the plurality of the demultiplexers is connected to a number of data lines in multiple of six.